

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number  
**WO 2005/014595 A1**

(51) International Patent Classification<sup>7</sup>: **C07D 487/04**,  
A01N 43/90

(21) International Application Number:  
PCT/EP2004/008010

(22) International Filing Date: 17 July 2004 (17.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03017317.3 31 July 2003 (31.07.2003) EP

(71) Applicant (for all designated States except US): **BAYER CROPSCIENCE GMBH** [DE/DE]; Brüningstr. 50, 65929 Frankfurt (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KÖHN, Arnim** [DE/DE]; Tannenring 118, 65207 Wiesbaden (DE). **GIENCKE, Wolfgang** [DE/DE]; Am Steinberg 45, 65719 Hofheim (DE). **HELMKE, Hendrik** [DE/DE]; Taunusstrasse 49, 65853 Liederbach (DE). **GARCIA Marques, Kenneth** [ES/ES]; C/Vall d'Aran, S-08320 El Masnou (ES). **AULER, Thomas** [DE/DE]; Bonner Strasse 15, 65812 Bad Soden (DE). **HILLS, Martin** [GB/DE]; Itzelgrund 5b, 65510 Idstein (DE). **HAJOS, György** [HU/HU]; Institut of Chemistry, Chemical Research Center, Pusztaszeri ut 59, H-1025 Budapest (HU). **RIEDL,**

**Zsuzsanna** [HU/HU]; Institut of Chemistry, Chemical Research Center, Pusztaszeri ut 59, H-1025 Budapest (HU). **FEUCHT, Dieter** [DE/DE]; Ackerweg 9, 40789 Monheim (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

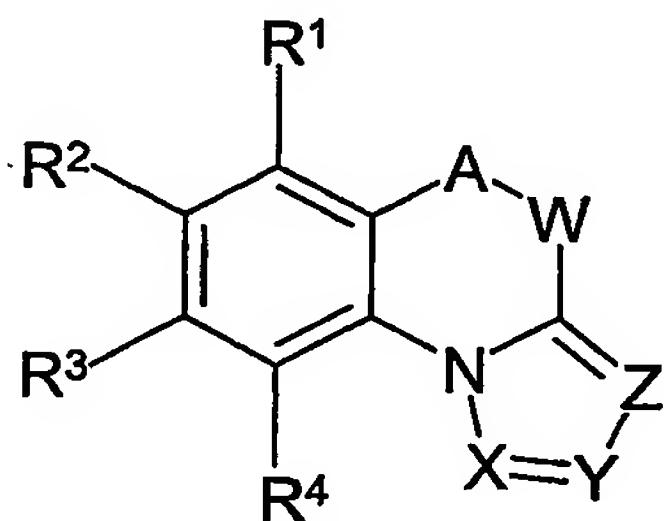
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: THE USE OF FUSED RING-1,2,4-BENZOTRIAZINE DERIVATIVES AS HERBICIDES OR PLANT GROWTH REGULATORS FOR THE CONTROL OF UNDESIRE PLANTS OR VEGETATION, COMPOUNDS AND COMPOSITIONS THEREOF, AND PROCESSES FOR THEIR PREPARATION



(I)

(57) Abstract: The invention relates to the use of a compound of Formula (I) or a salt thereof wherein A-W, X, Y, Z, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are defined in the description, as herbicides or plant growth regulators for the control of undesired plants or vegetation, to compounds and compositions thereof, and to processes for their preparation.